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PUBLICATION NUMBER : 60156241
PUBLICATION DATE : 16-08-85

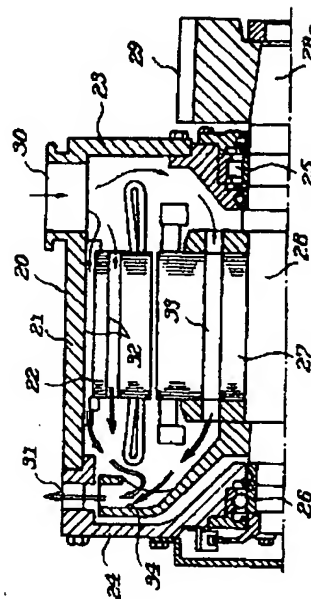
APPLICATION DATE : 25-01-84
APPLICATION NUMBER : 59011755

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INT.CL. : H02K 9/06 H02K 5/20

TITLE : COOLER OF ROTARY ELECTRIC MACHINE



ABSTRACT : **PURPOSE:** To prevent the temperature rise of a bearing upon the speed-up of a vehicle by supplying cooling fluid from a suction port of a drive wheel side to initially cool the bearings of a drive wheel side.

CONSTITUTION: A suction port 30 is formed at a case body 21 of a drive wheel 29 side, and an exhaust port 31 is formed at the case body 21 at the opposite side of the drive wheel 29. Since the port 30 is formed at the body 21 near the bearing 25 of the drive wheel 29 side and cooling fluid from the port 30 initially cools the bearings 25 of the drive wheel side, lubricating oil of grease filled in the bearing 25 may not be liquefied, thereby preventing the temperature rise of the bearing upon the speed-up of a vehicle.

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